University of Washington

urban horticulture

http://depts.washington.edu/urbhort

Autumn, 2000

director's notes

On February 16, 2000, the report on the Center for Urban Horticulture, Affiliated Programs and Facilities was released by the review committee (*http://depts.washington.edu/urbhort/html/report/report.html*). In May, the Dean's Office of the College of Forest Resources responded to the report and made several suggestions with regard to how some of the recommendations in the report might be met or addressed. I am happy to report that several of these have been or are being implemented.

First, I am no longer Acting Director, but as of June 16, I am now the Director (and no longer the Chair of Ecosystem Sciences). My office is 119 Merrill Hall (206-543-1588 or *hinckley@u.washington.edu* or *http://www.cfr.washington.edu/Faculty/Hinckley/index.html*).

Second, an all-day retreat of the staff, faculty, and students associated with the Center and the Washington Park Arboretum was held on June 20. As a result of the retreat, a number of issues were identified and are being either worked on or implemented (*http://depts.washington.edu/urbhort/html/retreat.htm*). As examples, we have rewritten the mission statement of the Center, identified and partially addressed communication problems and weaknesses, initiated a much more formal and developed relationship with external interest groups and clientele [e.g., WSU, Seattle Youth Garden Works, PAWS, Society for Ecological Restoration Northwest Chapter (SERNW), TREEmendous Seattle, etc.], identified particular focuses of the Center and discussed how facilities, staff and faculty may interact to best develop and enhance these various focuses.

Third, we are entering the candidate interview stage with regard to the Director of Continuing Education and Outreach.

Fourth, a search committee has been formed and has initiated a search for a new faculty position in Environmental Horticulture and Urban Forestry within the Division of Ecosystem Sciences.

Tom Hinckley, Director, Center for Urban Horticulture

special event

2000 DESIGN SYMPOSIUM:

Achieving Perennial Brilliance in the Northwest

When: Saturday, October 28, from 9 a.m. to 4 p.m.
Where: NHS Hall, CUH Union Bay
Fee: $60, includes lunch; pre-registration required

Maintaining Native Plants and Suitable Companions in the Landscape

Susan Buckles will discuss native plants and wildlife gardening as it relates to perennial gardening. She will provide information about native and "look-a-like" trees, shrubs, and perennials, and how to cultivate, place, and maintain them in the garden.

Susan Buckles; retired grounds keeper for Children's Hospital and garden consultant

A Bold Garden on Bainbridge

Linda Cochran's home garden on Bainbridge Island has been featured in many horticultural publications. She will share how through her design, she has developed garden rooms that provide interesting contrasts of color and texture, plus a more efficient maintenance strategy.

Linda Cochran; home garden enthusiast

Identifying and Managing Perennial Problems

Caring for the perennial garden involves learning maintenance techniques and timing. Mary Robson and Carrie Becker present specific information on pest and disease identification and plant management.

Carrie Becker; garden designer, consultant and member of the Northwest Perennial Alliance &
Mary Robson; WSU King County Extension Horticulturist and avid perennial gardener

Choosing the Best Plants for Your Garden

Building a great garden is an editing process. Learn from Richard Hartlage how to choose exceptional plants for your garden considering multi-seasonal interest, superb form, disease resistance, length of bloom and low maintenance.

Richard Hartlage; Director and Curator, Elisabeth Miller Botanical Garden

calendar of events

october

s	m	t	w	th	f	s
1 11am-5pm, WPA Arboretum Foundation Fall Bulb Sale	**2** 7pm, CUH Ornithological Society 7:30pm, CUH Iris Society **9** 7pm, CUH Orchid Society **23** 7:30pm, CUH Puget Sound Bonsai Association	**10** 7:30pm, CUH Puget Sound Mycological Society **17** 7 pm, CUH* **Ornamental Grasses** 7:30pm, CUH Rose Society **24** 6:30pm, CUH Association for Women in Horticulture	**4** 7pm, CUH WA Butterfly Association **11** 7pm, CUH* NHS Lecture: Dynamic Planting with Perennials 7pm, CUH PlantAmnesty **25** 6:30pm, CUH* **Creating a Garden Journal, 1st class**	**12** 7:40pm, CUH Rock Garden Society **19** 7pm, CUH Audubon Society 7:30pm, CUH* **WSU Practical Gardening Lecture: Spring Blooming Bulbs** **26** 7 pm, CUH* **Planting for Your Problem Slopes**		**14** 9am, WPA* **Arboretum Plant Study Program** 1-5pm, Celebrate the Reds (Arb. Foundation Benefit) **21** 8am, CUH* **Birding at UBNA** 9:30am, WPA* **Transplanting Woody Plant Material** **28** 9am, CUH* **CUH Design Symposium: Achieving Perennial Brilliance** 9:15am, WPA* **Arboretum Plant Study Program**

november

s	m	t	w	th	f	s
19 11am to 4pm, CUH Northwest Perennial Alliance 2:30pm, CUH Cascade Cactus & Succulent Society	**6** 7pm, CUH Ornithological Society 7:30pm, CUH Iris Society **13** 7pm, CUH Orchid Society **27** 10am, CUH Snoqualmie District WSF Garden Club 7:30pm, CUH Pugent Sound Bosai Association	**14** 7:30pm, CUH Puget Sound Mycological Society **21** 7:30pm, CUH Rose Society	**1** 6:30pm, CUH* **Creating a Garden Journal, 2nd class** 7pm, CUH WA Butterfly Association **8** 7pm, CUH* **Wildlife Watcher's Landscape** 7pm, CUH NHS Meeting & Lecture:Northwest Carden Style **15** 7pm, CUH* **Rehabilitative Pruning (Demonstration site visit on November 18th)**	**9** 6pm, CUH Rock Garden Society **16** 10am, WPA Arb. Foundation Volunteer Quarterly 7pm, CUH Audubon Society 7:30, CUH* **WSU Practical Gardening Lecture: House Plant Care**		**18** 9am, WPA* **Arboretum Plant Study Program** 10am* **Rehabilitative Pruning, (Demonstration site visit)**

december

s	m	t	w	th	f	s
	4 7pm, CUH Ornithological Society **11** 7pm, CUH Orchid Society	**12** 7 pm, CUH* **Landscape Design Basic** 7:30pm, CUH Puget Sound Mycological Society **19** 7pm, CUH* **Landscape Design Basics**	**6** 7pm, CUH WA Butterfly Assocation **13** 7pm, CUH PlantAmnesty	**7** 7pm, CUH* **Landscape Basics, 1st class** 7pm, CUH Washington Native Plant Society Banquet **14** 7pm, CUH* **Landscape Design Basics** 7:40pm, CUH Rock Garden Society		**2** 10am to 4pm, WPA Greens Galore Sale **9** 9am, CUH* **Landscape Design Basics (field trip)** **16** 9am, CUH* **Landscape Design Basics (field trip)**

CUH = Center for Urban Horticulture WPA = Washington Park Arboretum * = Fee

university of washington center for urban horticulture

The CUH mission is "to apply horticulture to natural and human-altered landscapes to sustain natural resources and the human spirit".

Director
Tom Hinckley

Director, WPA
John Wott

- Continuing and Public Education
- Douglas Research Conservatory
- Elisabeth C. Miller Library
- Otis Douglas Hyde Herbarium
- Undergraduate and Graduate Education
- Union Bay Gardens
- Union Bay Natural Areas
- Washington Park Arboretum

Urban Horticulture Newsletter, Vol 17. No. 4

CUH/CFR Continuing & Public Education Staff

Thomas Smarr, Acting Education Coordinator (Adult & Professional Programs), Newsletter Editor
Jean Robins, Program Coordinator
Monica Ravin, Education Coordinator Assistant (Youth & Community Outreach Programs)
Robert Corletta, Graduate Education Assistant
Becky Stanley, Arboretum Education Assistant

CUH Building & Rentals Management Staff

Becky Johnson, CUH Facilities Manager
Ray Larson, CUH Assistant Facilities Manager
Ann Aherne, Interim WPA Facilities Manager

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College of Forest Resources

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(206) 543-8800 phone
(206) 325-8893 fax
http://depts.washington.edu/wpa/

GARDENING & HORTICULTURE PROGRAMS

Ornamental Grasses

Date & Time:	Tuesday, October 17th, 7 to 9 p.m.
Instructor:	Eric Nelson, Ornamental Grass Enthusiast
Location:	Douglas Classroom, CUH
Fee:	$20 general public, $18 for Arboretum Foundation members; pre-registration required

From sun to shade, dry to wet, small spaces to large expanses, there is an ornamental grass perfect for almost any landscape condition. This introductory slide lecture will review the wide array of ornamental grasses readily available. The instructor will also discuss management and maintenance issues.

Birding at the Union Bay Natural Area

Dates & Time:	Saturday, October 21st , 8 to 11 a.m.
Instructor & Guide:	Brian Bell, Master Birder, Seattle Audubon Society
Location:	Meet in the McVay Courtyard, CUH
Fee:	$10; pre-registration required

The Union Bay Natural Area at CUH is rich in habitat; it is a great place to discover and observe an abundance of bird life. Join Seattle Audubon Society Master Birder Brian Bell for an introductory level bird walk and learn about our avian inhabitants and their natural histories. Please bring binoculars or a spotting scope.

Creating a Garden Journal

Dates & Times:	Two part course; Wednesdays, October 25th & November 1st, 6:30 to 9 p.m. each evening
Instructor:	Deanne Bellingoff, Artist and Visual Arts Instructor
Location:	Douglas Classroom, CUH
Fee:	$45 (students must bring their own 8"x10" or larger sketch pad, pencil, and eraser, all other materials will be provided); registration required in advance

Learn to use water colors, drawing, journal notation, and collage to document the evolution of your garden. Using these easy to follow techniques you will produce a wonderful visual experience, develop creativity, and learn visual art techniques in this introductory level course. No previous art experience necessary; class includes work assignments between sessions.

The Wildlife Watcher's Landscape

Dates & Times:	Wednesday, November 8th, 7 to 9 p.m.
Instructor:	Russell Link, Urban Wildlife Biologist, WA State Dept. of Fish and Wildlife
Location:	Douglas Classroom, CUH
Fee:	$15 for general public, $13 for Arboretum Foundation members; pre-registration required

The well known author of "Landscaping for Wildlife in the Pacific Northwest", Russell Link will discuss how to design and maintain a wildlife habitat around the home and property. Topics will include: landscape planning, wildlife viewing and wildlife management ethics, local wildlife identification, and placement of habitat enhancement features such as bird and bat houses, seed and suet feeders, and ponds and birdbaths.

Rehabilitative Pruning

Dates and Times:	Wednesday, November 15th, 7 p.m. to 9 p.m.; and Saturday, November 18th, 10 a.m. to 12:30 p.m.
Instructor:	Cass Turnbull, ISA Certified Arborist and Founder, PlantAmnesty
Location:	Douglas Classroom, CUH and Demonstration Site (to be determined)
Fee:	$28 for general public, $26 for Arboretum Foundation members; pre-registration required

Are you plagued by water sprouts and suckers? Are you pruning more and enjoying less? Learn rehabilitative pruning methods for previously mal-pruned (topped, over-thinned, sheared) trees and shrubs. The first part of this course (Wednesday) is an in-class instructional component followed by a demonstration session (Saturday).

wsu practical gardening lectures

These entry level lectures and demonstrations for beginning gardeners are planned jointly with the WSU Cooperative Extension Master Gardener Program, and are presented by experienced WSU Master Gardeners and Cooperative Extension staff.

Spring Blooming Bulbs

Date & Time:	Thursday, October 19, 7:30 to 9 p.m.
Instructor:	Mary Robson, WSU King County Extention Horticulturist
Location:	Douglas Classroom, CUH
Fee:	$5, pre-registration required

Plant now for spring color, combine bulbs with other garden favorites for a stunning spring garden. Enjoy a bit of spring in the middle of winter by forcing container planted spring bulbs to bloom early indoors. It's fun to fool Mother Nature!

House Plant Care

Date & Time:	Thursday, November 16, 7:30 to 9 p.m.
Instructor:	Jeffery Leonard, WSU Master Gardener
Location:	Douglas Classroom, CUH
Fee:	$5, pre-registration required

How to garden indoors with tropical plants, how to care for holiday gift plants (such as Poinsettias), and the answer to why Christmas Cactus bloom at Christmas. Welcome to the great indoors!

design studio

Planting for Your Problem Slopes

Date & Times:	Thursday, October 26th, 7 to 9pm
Instructor:	Pat Roome, Owner of Pat Roome Landscape Designing Inc.
Location:	Douglas Classroom
Fee:	$30, pre-registration required

Pat Roome will discuss the role and selection of plants for problem slope situations around your home. She will focus on how to select aesthetically pleasing plants that provide erosion protection, are adapted to the climate of the site, are pest and disease resistant, and require no water or are low maintenance. Group discussion will follow, with attendees being able to discuss their situation with the designer and hear ideas from the rest of the class. Each student is asked to bring along site pictures, illustrations, or other relevant resources to better facilitate discussion.

Landscape Design Basics

Dates & Times:	Six parts; Thursday, December 7th, 7 to 9 p.m.; Saturday, December 9th, 9 a.m. to noon; Tuesday, December 12th, 7 to 9 p.m., Thursday, December 14th, 7 to 9 p.m.; Saturday, December 16th, 9 a.m. to noon; Tuesday, December 19th, 7 to 9 p.m.
Instructor:	Keith Geller, Landscape Architect and Instructor
Location	Douglas Classroom, CUH
Fee:	$90, pre-registration required, class size is limited

Learn how to create your own basic landscape plan by developing an understanding of design principles and mechanics, site analysis, plant selection principles, and more. This course is intended for beginning designers and includes four lectures, two field trips, and homework assignments.

ARBORETUM EXPLORATIONS

Transplanting Woody Plant Material: the Root of the Matter

Date and Time:	Saturday, October 21st, 9:30 a.m. to 12:30 p.m.
Instructors:	David Zuckerman, Gardener Lead, Washington Park Arboretum Barbara Selemon, Plant Propagator, Center for Urban Horticulture
Location:	Washington Park Arboretum Greenhouse
Fee:	$30 for general public, $28 for Arboretum Foundation Members; pre-registration required

Transplanting woody plant material, either to a larger container or within the landscape is a delicate procedure. Our "in-house experts" will discuss transplanting to larger containers, dividing flats of groundcover, container to landscape plantings, ball-and-burlap plantings, and moving plant materials within the landscape

Self-Guided Learning Opportunities

Use the Arboretum as your outdoor classroom. This 230-acre, centrally located urban forest offers a wealth of study material and experimental opportunities, and we will assist you in planning your visit by offering information on specific subject areas and plant collections free of charge. Groups of 10 or more must schedule their visit with the Education Office by phoning (206) 543-8801.

arboretum plant study

Come out to enjoy a walk through the Arboretum and learn about plants of seasonal interest (flowers, fruits, cones). Twenty different plants will be covered during each section, with discussion and handouts providing information on plant identification, selection, cultivation, and function in the landscape.

Autumn, Section A: Saturday, October 14, from 9 a.m. to 12 p.m.

Instructor:	Emily Griswold, Graduate Student, Urban Horticulture, UW
Depart From:	Graham Visitors Center, WPA
Fee:	$22 general public, $20 Arboretum Foundation members; pre-registration required, class size limited

Autumn, Section B: Saturday, October 28, from 9:15 a.m. to 12:15 p.m. (note different starting time)

Instructor:	Scott Conner, Consultant Horticulturist, Conner Enterprises
Depart From:	Graham Visitors Center, WPA
Fee:	$22 general public, $20 Arboretum Foundation members; pre-registration required, class size limited

Autumn, Section C: Saturday, November 18, from 9 a.m. to 12 p.m.

Instructor:	Laura Zybas, Graduate Student, Urban Horticulture, UW
Depart From:	Graham Visitors Center, WPA
Fee:	$22 general public, $20 Arboretum Foundation members; pre-registration required, class size limited

youth & family programs

For more information or to schedule any of the following programs, please contact the Arboretum Education Office, Monday-Friday, at (206) 543-8801.

Arboretum Explorer Packs & Family Packs

Lead your own group or family on a fall foliage adventure at the Arboretum. Packs are filled with field guides, magnifying lenses and activity ideas to help you learn more about the plants, animals and habitats found in the Arboretum.

Topics:	Marsh Madness; Tree-tective
Dates & Times:	Two-hour rentals available between 10 a.m. and 3 p.m., 7 days a week, year-round
Fees:	Explorer Packs are $15 per pack for groups of seven or more (Packs contain materials for 15 to 30 participants); pre-registration and two weeks advance notice required
	Family Packs are $5 per Pack, FREE to Arboretum Foundation member families; Packs are available at the Graham Visitors Center Reception Desk, but pre-reservation is recommended

Saplings School Program Tours

Explore the Arboretum with trained guides! School tours are Monday-Friday 10:00-11:30 am. The cost is $2.50 per child (chaperones are free). Two adult chaperones per 15 children are required. Scholarships available. The fall season is busy so remember to book your tour three weeks in advance.

Grades K – 2: Discover Plants

Plants and people... more alike than you think! This program will introduce younger students to the wonderful world of plants. By exploring the Arboretum, children will observe the colors, shapes, sounds, and smells around them as they learn what plants need to grow and be healthy.

Grades 3 – 6: The Life Cycle of A Plant: Fantastic Fall

As the seasons change, so do the plants around us. explore seed production and dispersal, photosynthesis, and the reasons leaves change colors.*meets 3rd grade requirements for the State's Essential Academic Learning Requirements*

Grades K – 8: Plants and People of the Northwest

What is a native plant? How have these plants been used in the past and how are they used now? Students will learn to identify several Northwest native plants and discover their past and present importance.

Grades K – 8: Wetland Ecology Walk

Explore the complex world of a wetland ecosystem. Foster Island provides a unique opportunity for students to study an urban wetland up close and discover the importance of these natural systems.

volunteer news & opportunities

CUH Reception Desk Volunteers Needed:
Interact with visitors, faculty, staff, and students, while helping out with phone calls and answering questions. Your help will be greatly appreciated for weekday shifts of either a half or whole day. Call Ray Larson at (206) 616-9113 for more information.

Tuesday's In the Garden:
Come and work with the Arboretum staff every Tuesday, 12:30 to 3:30 p.m. to help provide essential garden care. Tasks vary with the season. Enjoy and help tend to the wonderful autumn color in the Arboretum. Call Chris Pfeiffer at (206) 328-4182 for information and to sign up.

Community Service Groups:
Community service groups are a vital source of support in caring for the plant collections and managing invasive weed problems, where many hands make light work. Arboretum staff lead and work with groups at a ratio of one staff person per 15 to 20 volunteers. Work parties can be scheduled through the year. Call Chris Pfeiffer at (206) 328-4182 for more information or to sign up.

WPA Information Desk Volunteers Urgently Needed: Greet visitors, share your enthusiasm, answer questions, and interact with staff and other volunteers in the stimulating environment at the Arboretum. Shift times are either half or whole day, once a week. Call Ann, the Building Manager at (206) 543-8801.

New Saplings Guides:
The Arboretum welcomes new Sapling Guides: Susan Anstine, Kali Dunton, Kris Konningen-Fenrich, Siobhan Fitzgerald, Susan Lebeda, Mary Lou Smith and Katie West. Thank you all for a wonderful Spring season, we look forward to working with you again this Fall!

Youth Tour Leaders Sought:
If you enjoy working with children and you have a passion for environmental education, becoming a youth leader is a wonderful opportunity to learn about the flora and fauna of the Arboretum and the Pacific Northwest while sharing your enthusiasm about nature with K-6th grade classes. Volunteers lead students on tours using curricula on specific topics. Fall topics are Discover Plants (K-2nd) and Life Cycle of a Plant: Fantastic Fall (3rd - 6th). Students discover the magic of the season by exploring the mystery of seeds and leaves, how plants grow and why plants are important. Fall programs take place from 10-11:30 a.m. on Mondays through Fridays in October and November. Training sessions are provided September 25-29, 2000. All levels and abilities are encouraged to apply. Help plant the seeds of knowledge. For more information and an application, contact Monica at (206) 543-8801.

arboretum foundation news & events

Fall Bulb & Plant Sale
Hundreds of varieties, including the unusual and hard-to-find. Sunday, October 1, 11 a.m. to 5 p.m., Graham Visitors Center, WPA.

Celebrate the Reds
A Wells Medina Nursery event to benefit the Arboretum Foundation. Saturday, October 14, 1 p.m. to 5 p.m., at 8300 NE 24th in Medina.

Volunteer Quarterly
Information and fun for Arboretum volunteers. Thursday, November 16, 10 a.m. to noon. Graham Visitors Center. Call Elaine Anderson at (206) 325-4510.

Interested in Volunteering?
Help is needed for special events, the Foundation office, education programs, and special projects around the Arboretum. Call Elaine Anderson at (206) 325-4510.

Greens Galore
Fresh greens and charming crafts for holiday decorating and gifts. Saturday, December 2, 10 a.m. to 4 p.m. Graham Visitors Center.

Greenhouse Work Parties
Learn propagation and help out at the Pat Calvert Greenhouse every Tuesday, 10 a.m. to noon. Call Lynn Schueler at (206) 243-6784.

New Foundation Website
The Arboretum Foundation's new website is up and running! At www.orgsites.com/wa/arboretumfoundation/, the site welcomes visitors with information on membership, volunteer activities, events, plant sales, the Arboretum Plan, and more.

For more information on Arboretum Foundation events, please call the events hotline at (206) 726-1954.

northwest horticultural society events

For further information on the events listed, call the NHS office at (206) 527-1794

Lecture:
Roger Raiche & David McCrory
"Dynamic Planting with Perennials"
Wednesday, October 11, 7:30 p.m. (Coffee at 7:00)
At the Center for Urban Horticulture, NHS Hall.
Members: $5.00 Non-members: $10.00

Annual Meeting & Lecture:
Wednesday, November 8
At the Center for Urban Horticulture, NHS Hall.
Coffee 7:00 pm, Meeting 7:30 pm
Lecture immediately following the meeting, around 7:45.
Terry Welch, "Northwest Garden Style"
Lecture is Free

Mail payment and registration to:

Urban Horticulture Courses
University of Washington
Box 354115
Seattle, Washington 98195-4115

Or you may register in person at the Union Bay campus, 3501 NE 41st St., M-F, 8 a.m. to 5 p.m.

Please make checks payable to the University of Washington. No bank cards.

Registrations are filled in the order received. Enrollment is limited, classes fill rapidly so register early. A portion of fees may cover refreshments and speaker expenses.

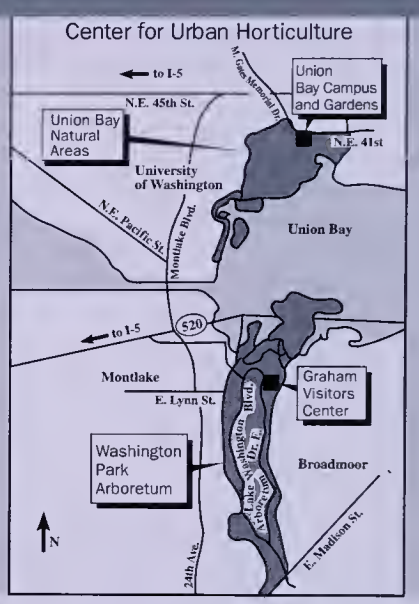
Refunds: Requests for refunds on events not attended must be made in advance in writing, by phone or fax, or in person. Requests received fewer than 7 days from the first class meeting have a $5 handling fee deducted. No refunds can be made after the first class meeting.

If a program is cancelled for any reason a full refund will be made to all enrollees. Refunds may require four weeks for processing.

Returned Checks: An $18.00 service fee will be charged for returned checks.

Special Needs: To request disability accommodation, please contact the Office of the ADA Coordinator at least ten days in advance of an event: (206) 543–6450 (voice); (206) 543–6452 (TDD); or by e-mail at access@u.washington.edu.

Class Locations and Parking: Program locations are listed with each program description. The Graham Visitors Center at the Washington Park Arboretum is located at 2300 Arboretum Drive East; free parking is located adjacent to the building. Douglas Classroom, NHS Hall and the other meeting facilities at Union Bay are located at 3501 NE 41st Street; prepaid parking is located adjacent to the buildings.



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registration form

program	fee	af members	# spaces	total fee
Special Event				
Design Symposium: Achieving Perennial Brilliance	$60			
_____ Vegetarian Lunch Request				
Gardening & Horticulture Programs at CUH				
Ornamental Grasses	$20	$18		
Birding at the Union Bay Natural Area	$10			
Creating a Garden Journal	$45			
The Wildlife Watcher's Landscape	$15	$13		
Rehabilitative Pruning	$28	$26		
Planting for Your Problem Slopes	$30			
Landscape Design Basics	$90			
WSU Practical Gardening Lectures: Spring Blooming Bulbs	$5			
WSU Practical Gardening Lectures: House Plant Care	$5			

program	fee	af members	# spaces	total fee
Arboretum Explorations				
Transplanting Woody Plant Material	$30	$28		
Arboretum Plant Study Program				
Section A (October 14)	$22	$20		
Section B (October 28)	$22	$20		
Section C (November 18)	$22	$20		

Mail registration forms to:
CUH Courses
Box 354115
Seattle, WA 98195-4115
For more information, call (206) 685-8033

Check enclosed for: _____
(Please make check payable to University of Washington)

Name _____

Address _____

City _____ **State** _____ **Zip** _____

Phone – (day) _____ (evening) _____ **Fax** _____

e-mail _____

University of Washington
College of Forest Resources
Center for Urban Horticulture
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Seattle, WA 98195–4115

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autumn 2000

news from cuh & wpa

Library Subscriptions:
The Elisabeth C. Miller Library maintains nearly 300 subscriptions of horticultural serials. A sample includes *Small Honesties*, the newsletter for the North American Cottage Garden Society; *Journal of Arboriculture*, published by the International Society of Arboriculture; and *New Eden*, one of eight glossy magazines from Great Britain. Be sure to spend a rainy Saturday (open 9am to 3pm) catching up on all the latest trends in the exciting world of horticulture!

New Books in the Library:
During the summer we processed lots of new books; they are now available on our shelves. There are several new books on garden remodeling, a very useful topic for those of us with older gardens. Take a look at *Rejuvenating a Garden; Garden Transformations and The Landscape Makeover Book*. Garden history has also been a popular subject this year. New books include: *The Gardens of William Morris; Outside the Bungalow: America's Arts & Crafts Garden*; and *In Harmony with Nature: Lessons from the Arts & Crafts Garden*.

Research Page:
Kathy Wolf, Associate Research Professor at the Center for Urban Horticulture, has an outreach web page providing information on recent research about the human dimensions of urban forestry. One study was done in partnership with Washington Department of Transportation to learn more about public perceptions of nature in urban freeway roadsides. The results have implications for planning and management of vegetation in roadside settings; Washington State, for instance, manages 97,500 acres of roadside landscape. Fact sheets about the research results can be downloaded from the web site. Results of other social science research about public perceptions of trees in cities are also available. The site address is *www.cfr.washington.edu/enviro-mind*

Index Seminum:
On July 23rd, the Arboretum Curatorial Office conducted its first seed collecting foray of the year. Arboretum Collections Manager, Randall Hitchin, took seven intrepid volunteers to the L. T. Murray Wildlife Area, in Kittitas County. The group put in nearly 90 hours of volunteer time and returned with large seed collections of seven native species. These seed collections will become part of the Arboretum's Index Seminum seed bank, and will be used for exchange with peer institutions through the international seed exchange, Index Seminum.

Record Keeping Intern at WPA:
Angie Cahill, a graduate of the Urban Horticulture program, has completed a summer internship in the Washington Park Arboretum Curatorial Office. Angie's summer work involved an inventory and curatorial assessment of all collection plants west of Lake Washington Boulevard, from the Conifer Meadow south to Boyer Avenue. For this large collection area, Angie collected current condition data, updated the plant records database, corrected maps, and placed new labels. This work and her curatorial recommendations will be valuable contributions to future collections development efforts for the Arboretum conifer collection.

Interns at CUH:
There have been several interns at the Center this past summer. During the entire summer three students have been working on various project with faculty, staff, and students. Stephanie Moniz, senior at Garfield High School, helped with students' fieldwork, organized the Center's slide collection, propagated plants with Barbara Selemon, and helped Al Wagar in a transpiration study. Alberto Nunez from Wapato and Nicole Bender from Des Moines, worked with Michelle Connor, graduate student, in wetland research fieldwork. In July, two high school students from the Youth Employment Solutions (YES) worked on the Center's grounds, maintaining the garden areas.

Madrone Rooting Project Update:
Research that began in September of 1998 on inoculation of Arbutus menziesii, Pacific Madrone, with Agrobacterium rhizongenes has resulted in several plants producing roots. This biotechnological means of air-layering resulted in five plants that produced roots along the stem where the bacteria was injected in September of 1999 and one of these had grown enough roots to be severed from the mother plant and survive on its own "new" roots. This summer, a new strain of bacteria was obtained from the American Type Culture Collection and a second round of inoculations have taken place. Christina Richmond, a recently graduated senior in Biology and Botany, devoted many long hours to this project growing the bacteria, inoculating the plants, and recording and writing up all data and results. Her efforts were invaluable to the success of this rooting project. Brian Watson, who formerly worked as a research assistant for Dr. H. D. Bradshaw, provided much support and guidance in the lab portion of this experiment. Barbara Selemon will continue with the project through December 2000, when the grant ends. Funding of this research project is provided by Save Magnolia's Madrones.

New Signature Bed Display:
The Signature Bed will do it's annual changeover the week of October 9th, when the Arboretum Foundation Unit 41 installs a "Garden for all Seasons," which the group also refers to as a "gardener's garden". This unit is one of the first Arboretum units whose members were actively involved in the early years of the Arboretum and the Arboretum Foundation. The love of gardening and specific plants has been broadly shared. This display will honor that legacy. This past year, the bed has been graced by "A Japanese Garden" presented by Arboretum Foundation Japanese Garden-Prentice Bloedel Unit 86 as part of the year-long celebration of the Japanese Garden's 40th Anniversary. The Signature Bed has been a UW volunteer project with the Arboretum Foundation since 1988. The theme changes each year as a new unit or study group puts their unique "signature" to the display. The goal is to create an interesting display exploring ways to use common plants in unusual ways, display less commonly used plants, or explore different design styles.

Japanese Garden Concludes 40thAnniversary:
The Japanese Garden has been celebrating its 40th Anniversary during 2000. Events still planned for the fall celebration include: October 7th and 8th, Chrysanthemum Festival; October 8, 1 to 2 p.m., Music Event (Japanese Flute); October 14 to 20, 10 a.m. to 3 p.m., Master Kite Maker Demonstration; October 21st, Photography Workshop; and November 12th, Ikebana Demonstration and Exhibit. Some events have special fees. For additional information on these or other programs, call (206) 684-4736. The Japanese Garden is located in the Washington Park Arboretum, on Lake Washington Boulevard just north of E. Madison Street. Open daily, March through November, 10 a.m. until dusk. Admission is $2.50 for adults; $1.50 for children, students and seniors.